



1743

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Approved for use through 10/31/2002. OMB 0651-0031

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/045,937	
	<b>Filing Date</b>	10/19/2001	
	<b>First Named Inventor</b>	David J. Beebe et al.	
	<b>Group Art Unit</b>	1743	
	<b>Examiner Name</b>	Lyle Alexander	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b>	282.020

**ENCLOSURES (check all that apply)**

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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

<b>Firm or Individual name</b>	Peter C. Stomma, Reg. No. 36,020 Boyle Fredrickson Newholm Stein & Gratz S.C. 250 E. Wisconsin Avenue, Suite 1030 Milwaukee, WI 53202
<b>Signature</b>	
<b>Date</b>	9/27/06

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: )  
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DAVID J. BEEBE ET AL. )  
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Serial No.: 10/045,937 )  
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Filed: October 19, 2001 )  
 )  
Examiner: Lyle Alexander )  
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Art Unit: 1743 )  
 )  
METHOD AND APPARATUS FOR )  
MONITORING THE ENVIRONMENT )  
WITHIN A MICROFLUIDIC DEVICE )

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Christine Kierzek

Christine Kierzek 9-27-06  
Signature Date

**RESPONSE TO OFFICE ACTION**

Sir:

In response to the Office Action dated June 27, 2006, please amend the above-identified application as follows:

- **Amendments to the Claims** is reflected on page 2 of this paper.
- **Remarks** begin on page 5 of this paper.